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2 A system and method for identification and retrieval of
3 lost pets such as dogs. The system includes methods to obtain
4 accurate noseprints either by chemical transfer system or with
5 closeup photography for entry into a database. The system
6 assigns locations where noseprints are acquired with an account
7 number which in turn automatically assign an identification
8 number to a dog when registered. Data relating to and including
9 the noseprint, a photograph, description, and information
0 regarding the owner are transferred to a central database
1 optionally from pet shops by E-Mail or by giving all photos and
2 registration forms to a dog owner who then fills out forms and
3 sends all materials to central office via mail. The system
4 includes a program to automatically assign an account number to
5 a pet shop or store and an identification number for the dog.
6 The program includes photograph enhancing software as well as
7 pattern recognition software to identify a lost dog via the
8 noseprint. To recover a lost dog, the system is scanned either
9 by identification number, if known, or by using the pattern
0 recognition software to compare a noseprint of a found dog with
1 those in the noseprint database to identify and locate the owner
2 of the pet. If a match is achieved by an identification number
3 or by pattern recognition of noseprints, the owner is notified
4 and the lost dog can be retrieved.